ImgGallery
Architecture Design
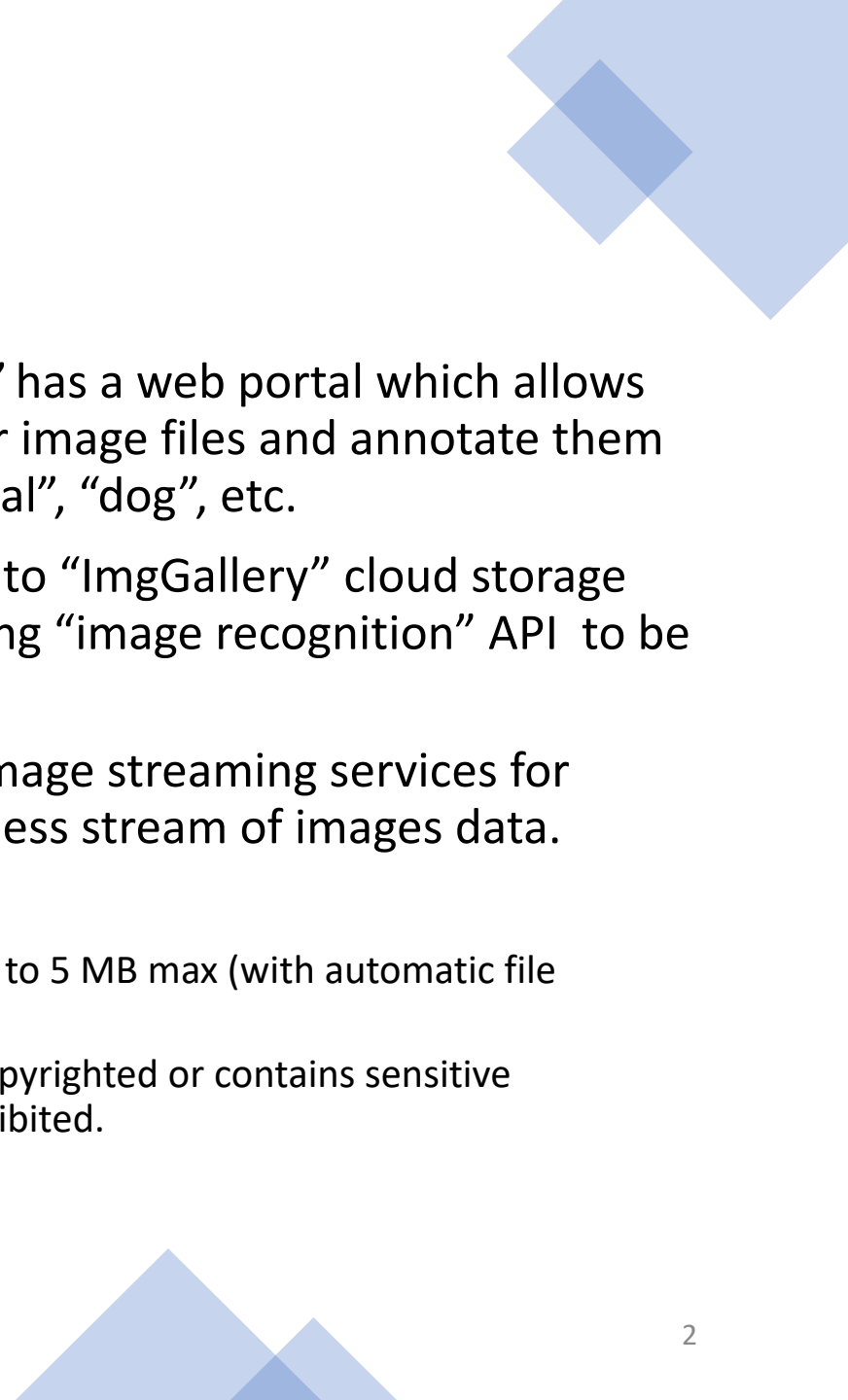
Image Processing Pipelines

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Background

- Tech Startup "ImgGallery" has a web portal which allows their users to upload their image files and annotate them with tags like "car", "animal", "dog", etc.

- These images are pushed to "ImgGallery" cloud storage and processes further using "image recognition" API to be analyzed and categorized.

- ImgGallery also provide image streaming services for anyone who need an endless stream of images data.

- We assume that:
  - Image file sizes are limited to 5 MB max (with automatic file compression).
  - Uploading image that is copyrighted or contains sensitive information is strictly prohibited.

System Architecture